

Amendments to the Specification

Please replace the paragraph beginning on page 13, line 17 through line 21, with the following rewritten paragraph:

In this way, when the center part 26 is punched from the disc-shaped substrate material 12, as shown in the enlarged view of Fig. ~~2(B)~~ 2(A), the diameter of the formed center hole 28 becomes D_1 on the information recording surface 12A side, and becomes D_2 larger than D_1 on the non-recording surface 12B side.

Please replace the paragraph beginning on page 14, line 22 through line 25, with the following rewritten paragraph:

The recording area 34 is formed with information recording grooves 36 arranged spirally or concentrically, with information recording pits 38 formed within the grooves 36 if necessary.

Please replace the paragraph beginning on page 15, line 22 through page 16, line 5, with the following rewritten paragraph:

In the above-described example of the embodiment, the positioning of the center part 26 during the process of forming the center hole 28 is carried out by detecting the grooves 36 or the continuous pit areas ~~36A or 38A~~ in the recording area 34 by using the CCD line sensor 40, thereby using the grooves or the pit areas as positioning reference. However, the present invention is not limited by this, provided that it is possible to optically detect the positioning reference of the center part 26 of the disc-shaped substrate material 12.